

LORD® 7433 Urethane Adhesive

Description

LORD® 7433 adhesive is a single-component, moisture-cure urethane adhesive used in hose manufacturing to produce high-strength bonds between common reinforcement yarns, thermoplastic tubing and thermoplastic protective hose coverings.

Features and Benefits

Identifiable Appearance – blue color allows for easy identification on light colored extruded tubing, as well as on reinforcement yarns.

Non-Flammable – provides a 100% solids formula that contains no solvents; does not require explosion-proof equipment.

Convenient – requires no mixing; requires no ovens or other heat source for curing.

Application

Surface Preparation – Surfaces should be free of grease, dirt, mold release and other contaminants.

Applying – Apply LORD 7433 adhesive by dip/wipe or glue gun methods. LORD 7433 adhesive may require heating to facilitate application. A wet film thickness of 1-2 mil (25-51 micron) is recommended.

Shelf Life/Storage

Shelf life is six months from date of shipment when stored in a clean, dry environment at 75°F (24°C) in original, unopened container.

Cautionary Information

Before using this or any LORD product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Typical Properties*

Appearance	Blue Liquid
Viscosity, cP @ 77°F (25°C) Brookfield HAT #5, 5 rpm	50,000-150,000
Density	
lb/gal	9.3-9.7
(kg/m ³)	(1114-1162)
Solids Content by Weight, %	100
Flash Point (Closed Cup), °F (°C)	>200 (>93)

*Data is typical and not to be used for specification purposes.

LORD TECHNICAL DATA

Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

Information provided herein is based upon tests believed to be reliable. In as much as LORD Corporation has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, LORD Corporation does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party, including but not limited to any product end-user. Nor does the company make any express or implied warranty of merchantability or fitness for a particular purpose concerning the effects or results of such use.

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